



Construction Staging Workshop

Highway 4 Reconstruction Project

September 30, 2015

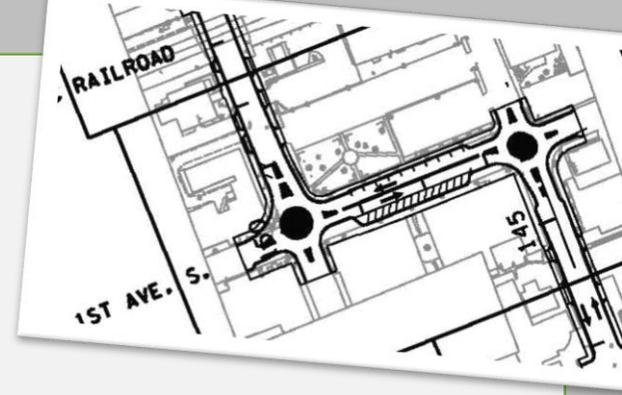
Presented by

Chris Chromy, P.E., P.T.O.E.

Bolton & Menk, Inc.

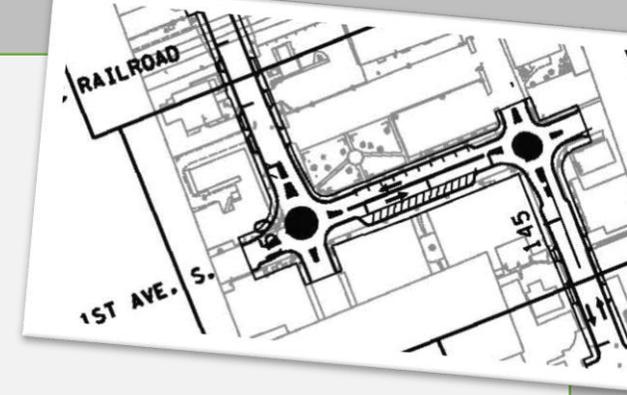


Workshop Agenda



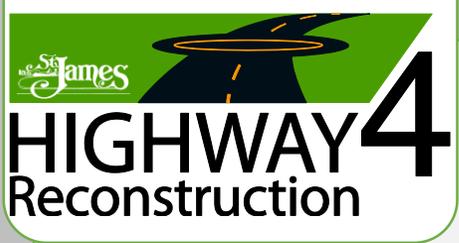
- Welcome and Introductions (5 min)
- Presentation (25 min)
- Small Group Discussions – Input on Specific Needs (20 min)
- Review Input and Next Steps (10 min)
- Individual Discussions (30 min)

Scheduling Considerations



Schedule Considerations

- 2-year Construction Schedule
- Schedule based on Probable “Working Days”
 - May through October
- Task Completion based on Plan Quantities and Reasonable Production Rates for:
 - Removals
 - Utilities – Sanitary Sewer, Watermain, Storm Sewer
 - Grading and Base
 - Concrete Roadway Pavement

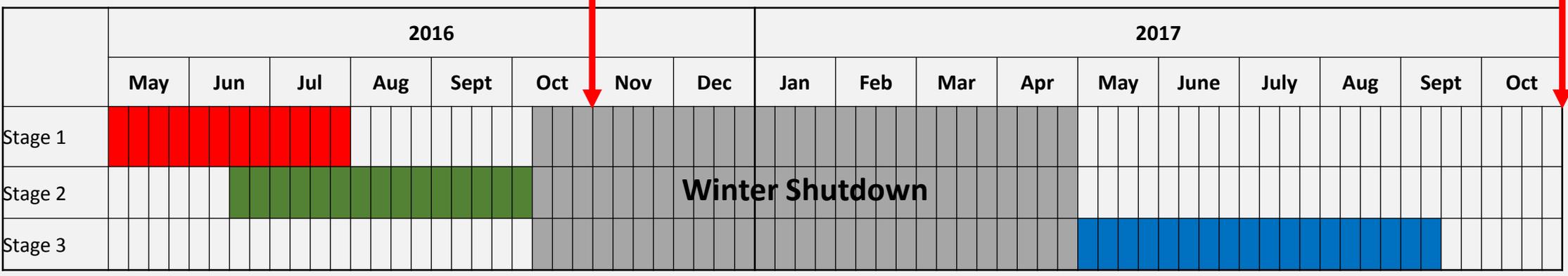


2-Year Construction Schedule

- 214 Days of Work
- 1st Year: May 2016 – October 2016
- 2nd Year: May 2017 - September 2017
- More Flexibility to Accommodate Unexpected Issues/Delays
- More Options for Local Circulation
- Hwy 60 to Downtown Business District Open After 1st Year

Year 1 Construction Complete

Construction Complete



St. James
HIGHWAY 4
 Reconstruction

Stage 1: May — July 2016

Legend

- Detour Route
- Local Access Route
- Construction Area



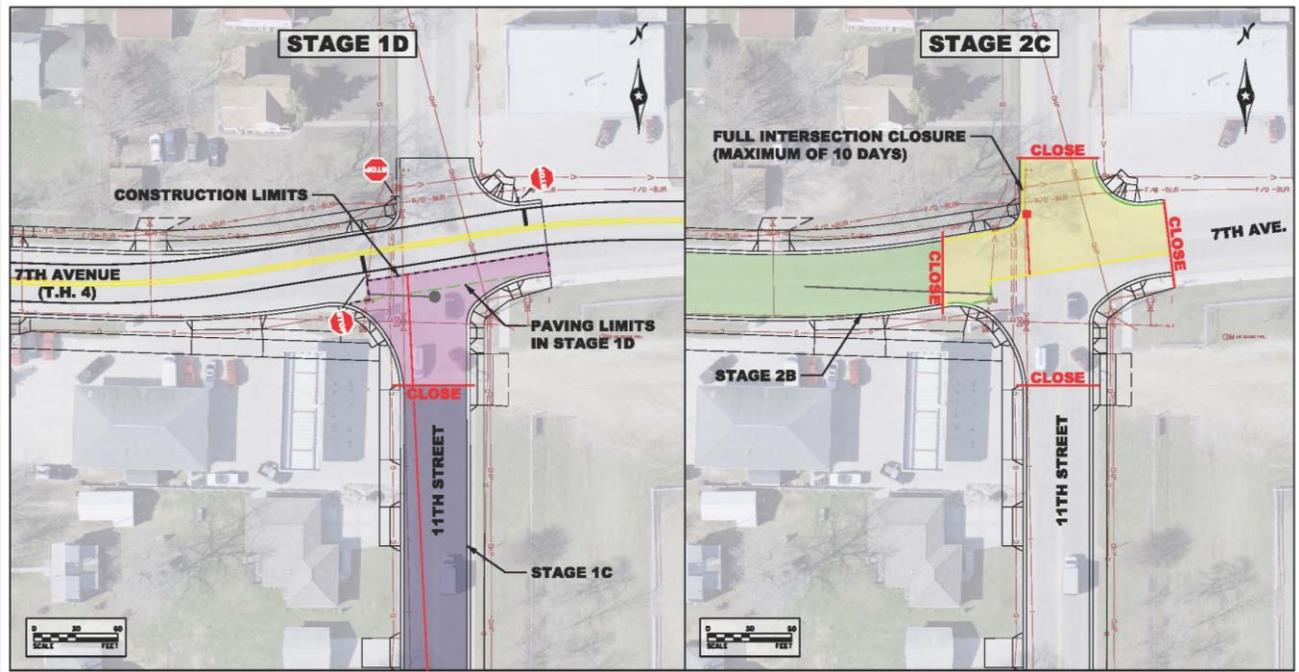
St. James
HIGHWAY 4
 Reconstruction
DRAFT

www.dot.state.mn.us/d7/projects/hwy4stjames

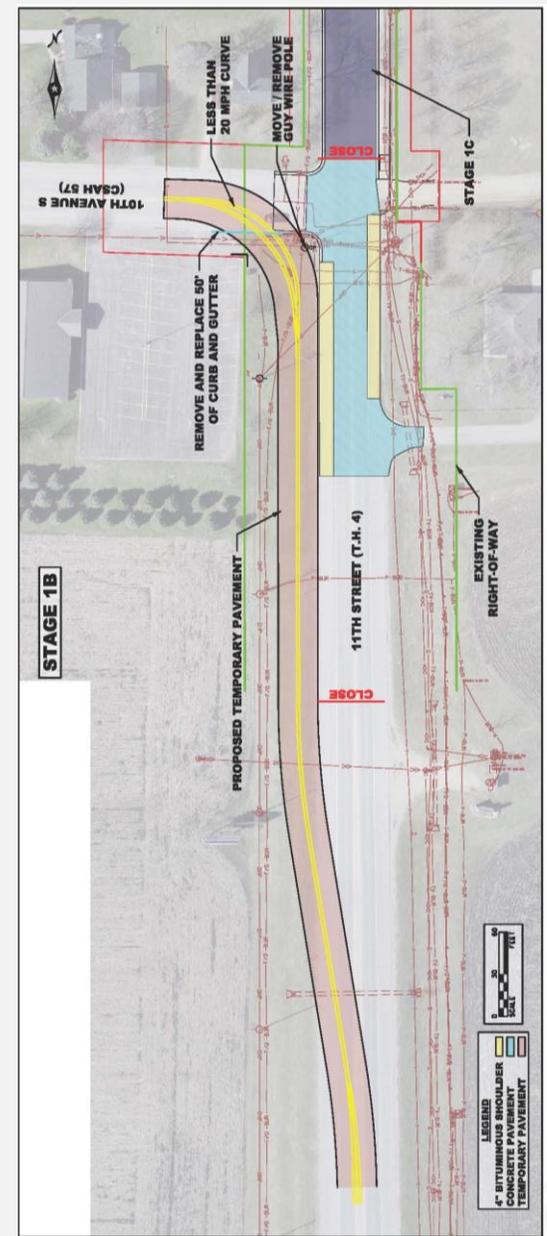


Intersection Construction with Traffic

11th Street at 7th Avenue

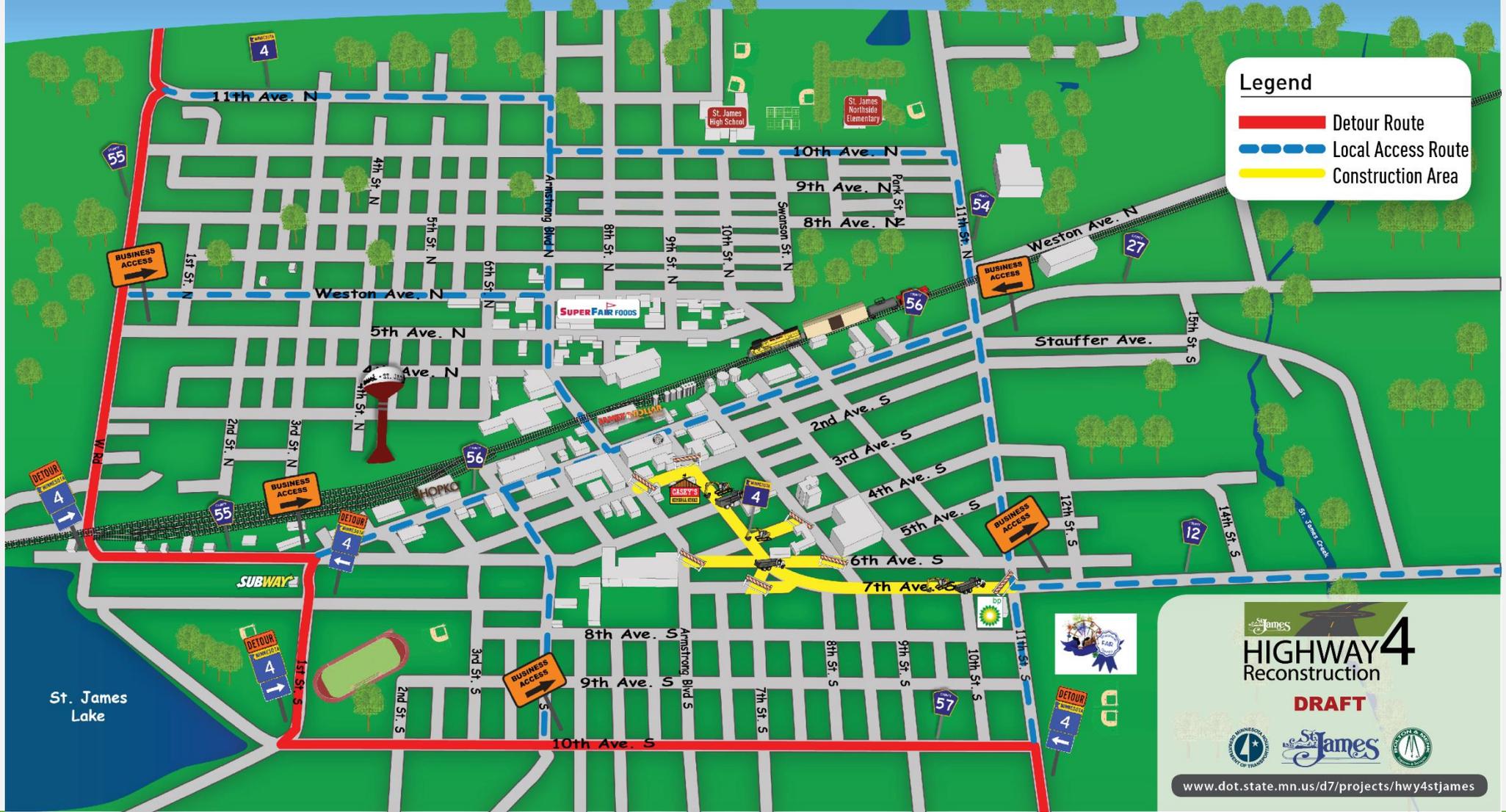


11th Street at 10th Avenue



St. James
HIGHWAY 4
 Reconstruction

Stage 2: July — Oct. 2016



Legend

- Detour Route
- - - Local Access Route
- Construction Area

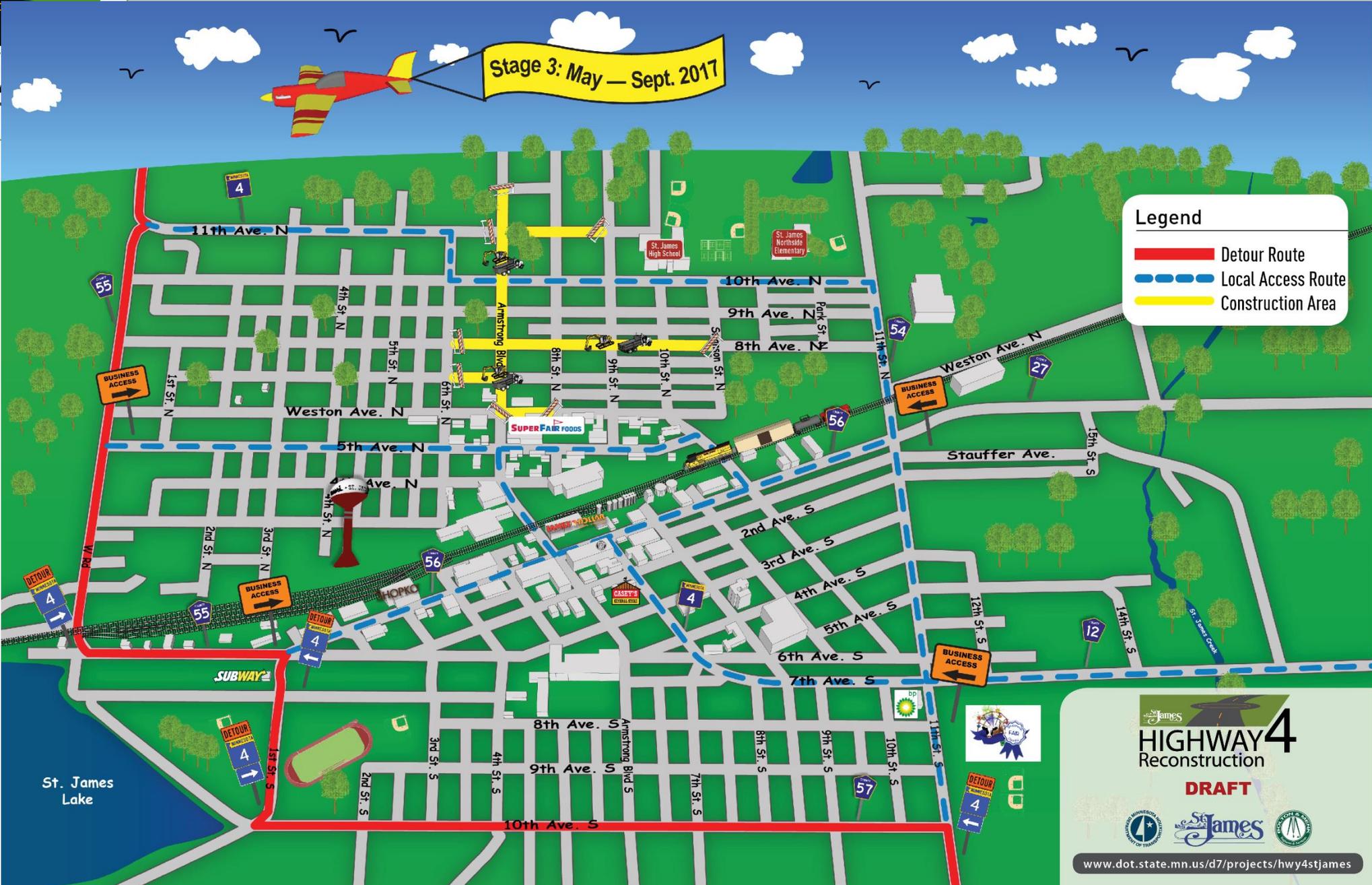
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Stage 3: May — Sept. 2017



Legend

- Detour Route
- - - Local Access Route
- Construction Area

St. James
HIGHWAY 4
 Reconstruction

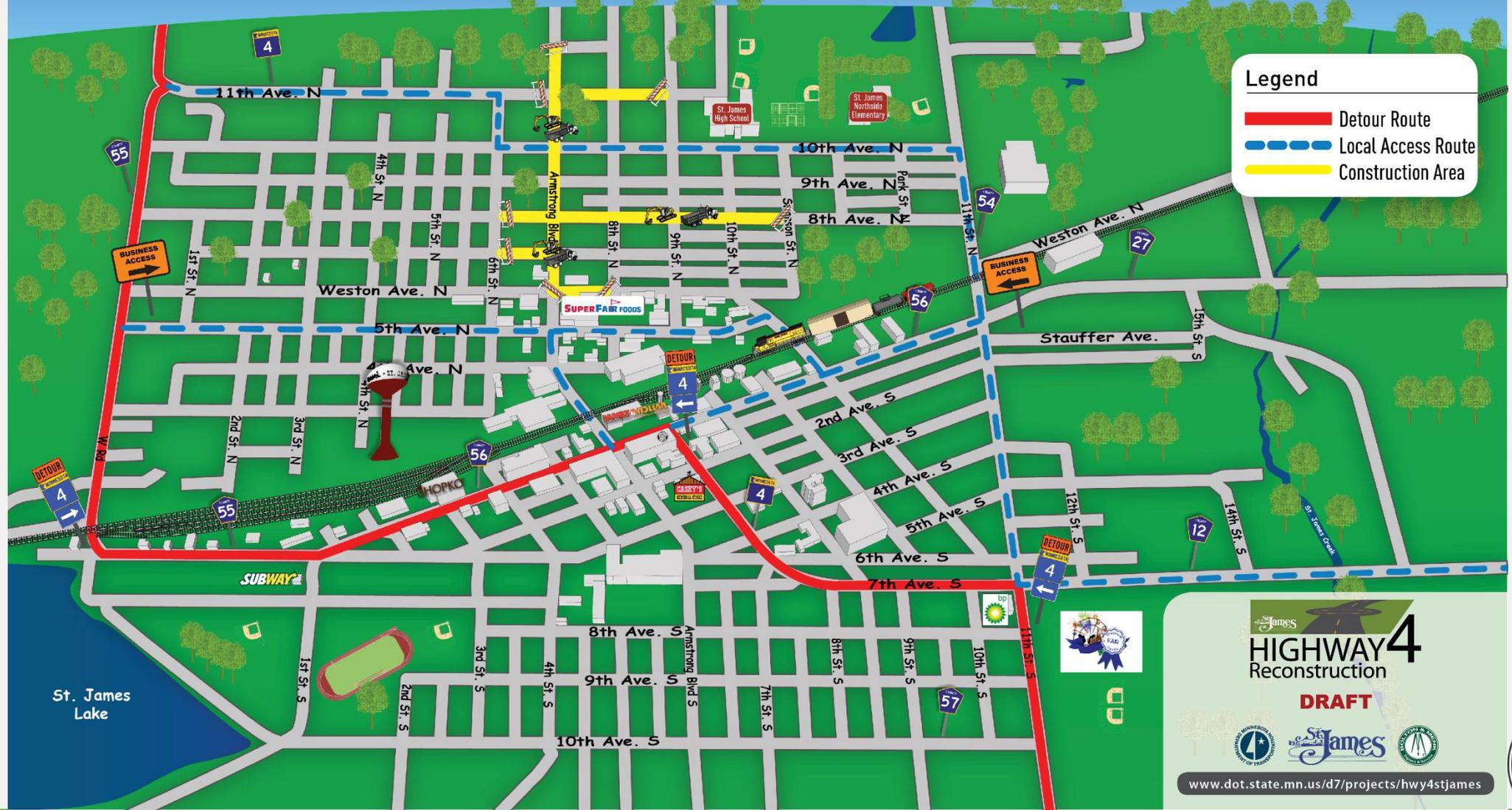
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Stage 3: May — Sept. 2017

Alternate 2nd Year Detour



Legend

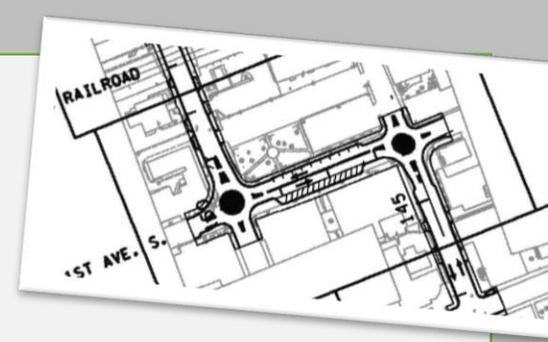
- Detour Route
- - - Local Access Route
- ▭ Construction Area

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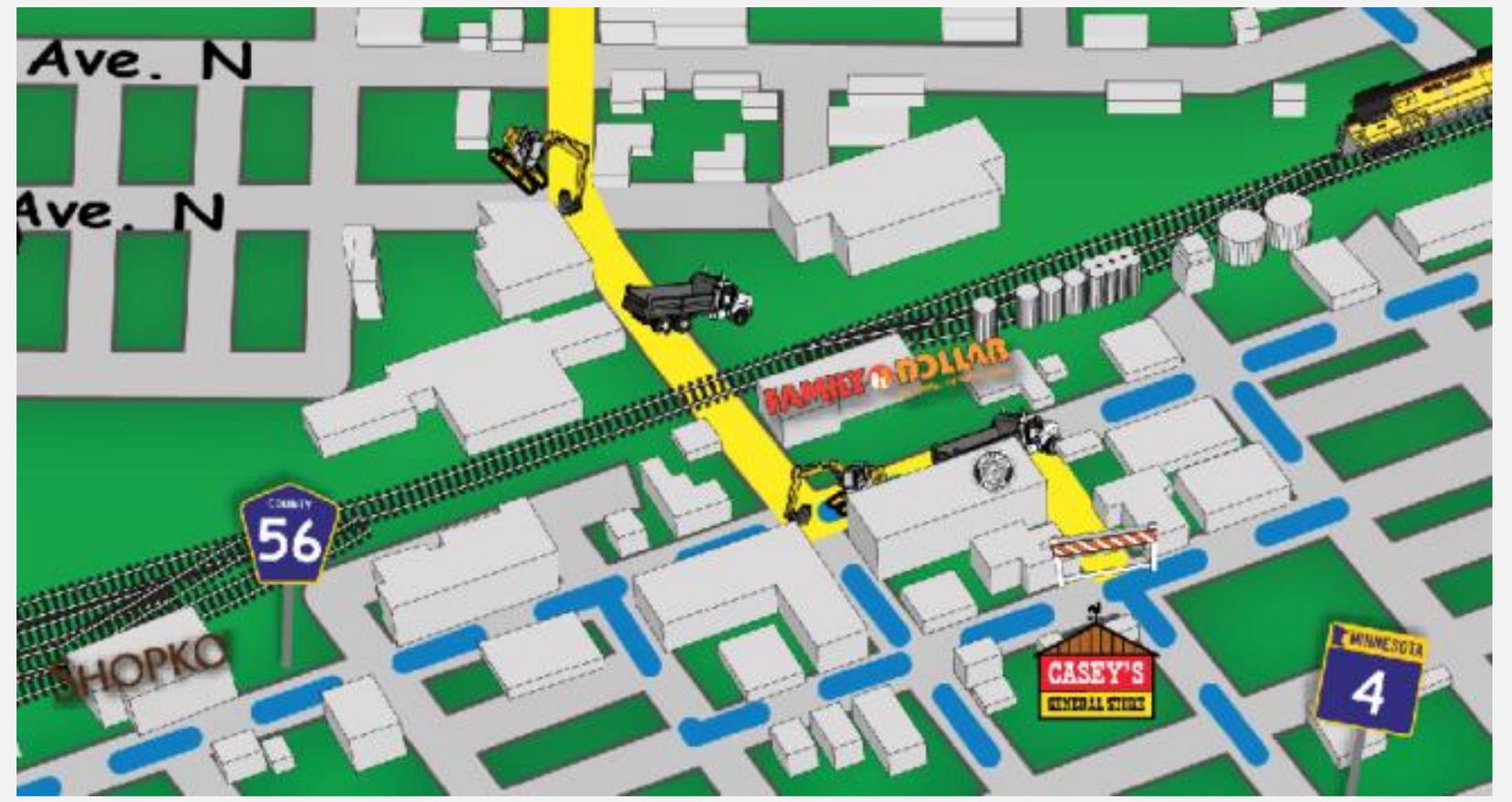


Highway 4 Detour Traffic Estimates



- 20% of Hwy 4 traffic likely to use entire detour
 - Up to 300 vehicles per day
 - Up to 60 trucks per day
 - One truck every 7-10 minutes during busiest hour
- Detour route expected to increase traffic on:
 - 10th Avenue S by 15%
 - 1st Avenue S by less than 5%

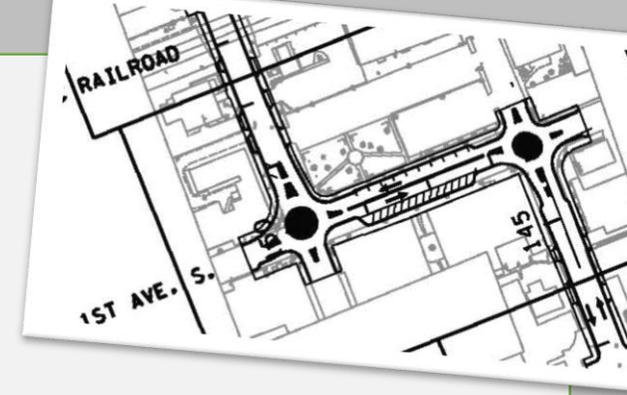
Business Access Signage MnDOT



Business Access Signage Chamber Example



Next Steps



Upcoming Events

- Public Informational Meeting – March 2016
- Construction Begins – May 2016